

We claim:

1. A method of establishing a call to one or more mobile stations, comprising:

triggering a call register to request a mobile switching center associated with the mobile station to establish a call between the mobile station and a second party.

2. The method of claim 1, wherein the second party is a public service answering point (PSAP).

3. The method of claim 2, wherein the triggering is performed by a PSAP switch if an emergency call is unintentionally released.

4. The method of claim 1, wherein the triggering is performed by a service provider having an established call with the mobile station.

5. The method of claim 1, wherein the second party is one of a public service answering point and a secondary response service.

6. A method of establishing a call to a mobile station, comprising:

sending, from a call register associated with a mobile switching center, a request that the mobile switching center establish a call between the mobile station served by the mobile switching center and a second party.

7. The method of claim 6, wherein the second party is a public answering service point.

8. The method of claim 6, wherein the sending step sends a paging identifier for the mobile station with the request.

9. The method of claim 8, wherein the sending step sends a mobile equipment identifier of the mobile station and a routing number of the second party with the request.
10. The method of claim 8, wherein the sending step sends a service code indicating a desired service to be provided by the second party.
11. A method of establishing a call to a mobile station, comprising:
establishing a call between the mobile station and a second party in response to a call request received from a call register associated with a mobile switching center.
12. The method of claim 11, wherein the call request includes a paging identifier of the mobile station.
13. The method of claim 12, wherein the call request includes a service code indicating service desired by the mobile station.
14. The method of claim 13, further comprising:
determining a routing number for the second party based on the service code.
15. The method of claim 11, wherein the establishing step establishes the call between the mobile station and the second party as part of an existing call between the mobile station and a third party.
16. The method of claim 11, wherein the call request includes a routing number for a PSAP switch.
17. A method of performing an emergency call back with a mobile station, comprising:
sending a call back request to a call register, the call back request requesting that a mobile switching center, serving the mobile

station, establish a call between the mobile station and a public service answering point (PSAP).

18. The method of claim 17, wherein the sending step sends a mobile station identifier and a routing number of a PSAP switch, associated with the PSAP, with the request.

19. The method of claim 18, prior to the sending step, further comprising:

receiving the routing number for the mobile switching center and the identifier of the mobile station with an emergency call from the mobile station.

20. The method of claim 19, further comprising:

creating a record in a call register associated with the PSAP switch if the emergency call is received.

21. The method of claim 19, wherein the sending step is performed by a PSAP switch, associated with the PSAP, if the emergency call unintentionally releases.

22. The method of claim 17, wherein the sending step is performed by a call register associated with a PSAP switch, which is associated with the PSAP, in response to a signal from the PSAP switch.

23. The method of claim 22, further comprising:

accessing a routing number for a call register associated with the mobile switching center using a routing number for the mobile switching center received with the signal from the PSAP switch; and wherein

the sending step sends the request to the call register associated with the mobile switching center using the accessed routing number.

24. The method of claim 17, wherein a call register associated with a PSAP switch, which is associated with the PSAP, sends the request to a call register associated with the mobile switching center.

25. A method of performing an emergency call back with a mobile station, comprising:

receiving, at a call register associated with a mobile switching center, a call back request from a call register associated with the PSAP switch; and

sending, in response to the call back request, a request to the mobile switching center that the mobile switching center establish a call between the mobile station and a Public Service Answering Point (PSAP).

26. The method of claim 25, further comprising:

accessing a paging identifier for the mobile station based on a mobile station identifier received with the call back request; and wherein

the sending step send the paging identifier along with the request to the mobile switching center.

27. A method for adding a party to an existing call with a mobile station, comprising:

sending a request for a mobile switching center, serving an existing call between the mobile station and a second party, to add a third party associated with a service identified in the request.

28. The method of claim 27, wherein the second party sends the request to a call register associated with the second party.

29. The method of claim 27, wherein a call register associated with the second party sends the request to a call register associated with the

mobile switching center in response to a signal received by the second party.

30. The method of claim 27, wherein a call register associated with the mobile switching center sends the request to the mobile switching center in response to a signal received from a call register associated with the second party.

31. The method of claim 27, wherein the second party is a telematics service provider.

32. A telematics system, comprising:

a telematics call center for receiving and handling calls from telematics units; and

a telematics call register for routing a call through request from the telematics call center to a call register of a mobile switching center identified in the call through request.

33. A public service answering point (PSAP) system, comprising:

a PSAP switch for handling emergency calls; and

a PSAP call register for routing a call back request from the PSAP switch to a mobile switching center which served an emergency call from a mobile station identified in the call back request.

34. A mobile switching center system, comprising:

a mobile switching center for handling routing of wireless calls from mobile stations; and

a call register, associated with the mobile switching center, for requesting the mobile switching center to establish a call between a mobile station and a second party in response to a signal received from another call register.